

LeTourneau
College

Faith brings
us together.
Ingenuity sets
us apart.

JOY

Education is First Love for Lois Knouse

When you meet Lois Knouse you'll know from the sparkle in her eye and her exuberant spirit that she would never be content working somewhere in the back

New Trustees Added to Board at May Meeting

Seven men have been added to the LeTourneau College Board of Trustees, according to Dr. Alvin O. Austin, college president.

The seven were elected to the board in May and will begin serving three-year terms in November.

Included are S.E. Belcher Jr., Brent, Ala.; Vertlyn R. Roskam, Glen Ellyn, Ill.; Maj. Gen. B.F. Starr Jr., USAF-Ret., Niceville, Fla.; John N. Thomas Sr., Lancaster, Pa.; Robert D. Thorne, Hinsdale, Ill.; Richard R. Walton, Memphis, Tenn.; and Rev. Grady Wilson, Charlotte, N.C.

"This addition to our board of trustees is a source of blessings for LeTourneau College," Austin said. "Each new member has assets and abilities that will benefit the cause of Christian education, and we look forward to the added leadership they will contribute."

Belcher is a land developer and businessman; Roskam is president of Educational Assistance, Ltd., and vice president of Oil-Dri; Starr is a retired USAF major general and part-time stock broker; Thomas is founder and chairman of the board of Willow Valley Associates, Inc.; Thorne is a recently retired vice president and controller of USG Corporation; Walton is owner of Richard Walton & Associates and Walton Hotel Corporation, and Wilson is an evangelist and vice president of the Billy Graham Evangelist Association.

We will try to have a short profile on each of these men in a future issue.

corner of an office.

"I have to work with people," she said. "I enjoy the interaction involved in sharing knowledge and experiences with others.

Teaching is a natural extension of that desire."

It was Helen Keith, Lois' high school math teacher in Alto Pass, Ill. who was the big influence in directing her toward a career in teaching.

"I attended a grammar school where there were two grades in a room," Knouse said. "Since I caught on fast, the teacher asked me to help the kids in the lower grade. Before long I knew

teaching was the career for me."

Lois enrolled in LeTourneau College, majored in math and physics and graduated in 1967. She went on to the University of Tennessee, earned a master's degree in math and education, and received her teaching credentials. Then followed 13 years of teaching in the public schools of Tennessee.

In 1982 she saw an ad in the *NOW* for a math teacher. She applied, was hired and this month will begin her sixth year as a member of the LeTourneau faculty.

Knouse teaches freshman and



Lois Knouse, assistant professor of mathematics and computer science, works with students in the lab.

which included approximately 60 teenagers.

When asked about today's

student, Lois said too often they lack a solid foundation in math.

are insecure and afraid they might fail.

"Besides that," she continued, "math is often one of the areas of learning in which students mature

"What thrills me most is to work with a student on a problem and suddenly see the light go on in their eyes in that moment when understanding comes." — Lois Knouse

sophomore math courses, including Calculus II. She also teaches one of three introductory computer science courses and adult continuing education classes in the evening.

Her schedule this summer demonstrates her enthusiasm and stamina. She taught two Elderhostel classes, a Giant Step class for high school juniors and seniors, and a Class for Kids

"At an engineering college like LeTourneau, the challenge is to take them from where they are to where they need to be," she said. "It takes diligence on the teacher's part along with a lot of encouragement.

"The students are usually immature," she added. "Going off to college is often their first experience away from home for an extended period of time. They

more slowly. It takes longer and it requires discipline and training.

Unfortunately, math is often a weak area for the teacher as well and that doesn't help the student.

"What thrills me most," she said, "is to work with a student on a problem and suddenly see the light go on in their eyes in that moment when understanding comes. That's what makes teaching so satisfying."

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Ford Participates in NASA Research Project

Dr. Douglas Ford, associate professor of chemistry, participated this summer in a research project at the NASA Marshall Space Flight Center in Huntsville, Ala.

Ford and his colleagues studied nonequilibrium chemistry as it relates to the space shuttle. Their research focused on the chemical reaction caused by the burning of oxygen and hydrogen, which develops the thrust necessary to launch the shuttle.

Ford's research is similar to his previous work in the same field at NASA's Johnson Space Center in Houston.

Ford is quick to emphasize the benefits to LeTourneau College of his participation in the project. "It helps me keep up to date on the most recent developments in my field of study, and at the same time, it adds a freshness to older material," Ford said.

"This research project is



Dr. Doug Ford, associate professor of natural science, supervises an experiment conducted by students Martha Genshaw, Elkhart, Ind. and Jeff Lawton, Pittman, N.M.

important for several other reasons," Ford added. "First, it will help increase public awareness of what NASA is currently doing in space research. Second, NASA and the space program benefited from the expertise of college professors

throughout the nation this past summer. And third, there is a possibility that funding will be provided by NASA for followup research to be conducted at the professors' home institutions. This is important because it presents an opportunity for student participation in research." Ford's students also benefit because Ford discusses current research problems that require further study. Specific research assignments will be offered to students in courses which are already a part of the regular curriculum.

"Instead of being limited to lab projects from a textbook, students will work on research projects which provide meaningful experiments relating to current developments in chemistry and other fields of inquiry," Ford said. "This is of especial benefit to students planning to go on for a graduate degree," he added. "Having undergraduate research experience is an invaluable asset in preparation for graduate work, and we have a number of students who are thinking along that line." Ford's summer research also will help to provide research contracts for the LeTourneau Advanced Development and Research Institute. Through this agency, the college enters into agreements with outside companies and organizations to complete specific research projects utilizing students and faculty paid to do the work. "In June we completed a one-year NASA project relating to nonequilibrium chemistry," Ford said. "And based on the number of new inquiries we are receiving, it appears we will be providing more of this kind of research work for faculty and students in the future." Ford is one of several LeTourneau faculty who have participated in NASA research projects in recent years.

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The LeTourneau College Singers pose atop the Great Wall of China this summer with the Copenhavers, Chrousers and friends from Shenzhen University.

Admissions Videotape Now Available

"The Spirit of Ingenuity," a new 10-minute videotape about LeTourneau College, was completed in July and is now in use by the Admissions Office. "It's very exciting to have a production of this quality to use in our recruiting efforts," said Roger Kieffer, director of admissions. "We'll take it with us when we travel to show in schools, churches and homes," he said. A copy of the video will also be sent to prospective students who request one. According to Kieffer, the video conveys the feeling of being a LeTourneau student and is intended to complement the new publications already in use. "We want prospects to have a

taste of campus life . . . the academics, the creativity, the fun . . . to help them make an informed decision about LeTourneau," Kieffer said. Kieffer said he believes the video will stimulate an interest on the part of prospects to learn more about LeTourneau College, thus opening the door for additional contact with Admissions Office personnel. "The video is an upbeat, concise, accurate production which should be very effective in promoting LeTourneau College and attracting students," Kieffer added. The video was produced by Media Innovations, a Dallas marketing firm specializing in promotional films.

Gatton Begins Duties in Student Services

Steven J. Gatton has been appointed Director of Career Development and Cooperative Education at LeTourneau College, according to Dr. Alvin O. Austin, college president. Gatton, 38, began his new duties August 1 and was previously Coordinator of Career Counseling and Placement at Central College, McPherson, Kan. for 12 years. "This is an important function in our Student Services area," said Austin, "and we are happy to have a person of Steve's caliber join our staff." A 1971 graduate of Washburn University, Topeka, Kan., Gatton has a master's degree from Emporia State University; Emporia, Kan. and has also completed postgraduate work in counseling and psychology. He is a member of Optimist, International; the Association of Christians in Student Development; the Association for Psychological Type; and the



Pam and Steve Gatton

Kansas Association of Student Personnel, and was listed in the 1984 edition of *Outstanding Young Men of America*. Gatton and his wife, Karen, have conducted Marriage Encounter seminars and been active in local church work. They have one son. Gatton has also served as Program Coordinator for the RSE Software Training Center in McPherson, and has done volunteer work with the Kansas Probation Council, McPherson Associated College Consortium, and McPherson County Diversified Services.

President's Message

Faculty Are Cornerstone of Our Campus

"The ideal college consists of a log of wood with an instructor at one end and a student at the other."

This famous quotation, attributed to Mark Hopkins, president of Williams College in the 1870's, still speaks with great relevance to the role of the faculty as the cornerstone of the educational program of a college.

While it is not practical nor economically efficient for most classes to be conducted in the one-on-one instructional method idealized by Hopkins, there are several valuable points put forth in his thesis.

First, it is the faculty member that is the essential ingredient in the learning process. Hopkins does not mention the need for buildings, support personnel, or even a college president.

Again, in our more complex society, it would be impossible and undesirable to attempt to operate a college without the many trained and dedicated persons who facilitate the maintenance of the physical plant, assure financial integrity, and handle the many public relations functions required to maintain a quality institution.

Nor would we want to eliminate the many student development functions that help to assure that learning is not restricted to the classroom. Rather, we believe that the development of a student's spiritual, social and vocational attributes are essential to the education of the total person.

In spite of this, however, a college's primary reason for existence is to provide an environment which will bring student and faculty together to learn.

A second point to be derived from Hopkins' quotation is that the exchange between student and faculty is multidimensional. In the ideal college, there is more to be desired than the simple transmittal of cognitive knowledge from professor to student. The opportunity to be on the log with the teacher evidences significant personal interaction.

First, they had to go into the woods to find the log. There was undoubtedly much conversation along the trail. They may have shared a simple lunch together while discussing their personal views on issues of life and death. This opportunity for the teacher to serve as a role model for the

student is a most important factor and one that remains a high priority at LeTourneau College despite a trend in recent years to discourage the teaching of values as a part of the educational process.

We work diligently to find and retain the very best faculty available. We conduct a national search to assure ourselves that we are getting the finest applicants. We screen them carefully to make certain of their personal faith in Jesus Christ and their commitment to our evangelical Christian mission. We review their credentials to determine that they are well prepared to teach their respective subjects and we check with references to validate their experiences.

Only then do we invite them to campus to have a very thorough



President Alvin O. Austin, left, visits with faculty members this summer. From left are Dr. Fred Carlson, professor of business administration; Jean Carlson, reading instructor; Dr. Paul Kubricht, professor of history, and Dr. Don Connor, associate professor of Biblical studies.

opportunities for students to benefit from the role-modeling of mature Christian scholars.

Students are often involved in Bible study groups with faculty serving as leaders, are invited into faculty homes, or invite faculty

highest regard for our faculty.

We have an outstanding faculty at LeTourneau and we are justly proud of them, for they are the cornerstone of our campus. I hope that you will share in our sense of pride as you get to know

"What does all this mean for LeTourneau College? It means that we must show the highest regard for our faculty." — Dr. Alvin O. Austin

interview. We encourage existing faculty to continue to improve their skills by attending workshops, doing research, and continuing their formal education as needed.

Additionally, at LeTourneau College we seek to promote the informal interaction between faculty and student that will allow

into their residence halls.

The size of our student body allows for much personal interaction and dialogue between faculty and students, and our faculty are deeply committed to educating the whole student. What does all this mean for LeTourneau College?

It means that we must show the

them better by reading about several of them in this issue.

Hopkins obviously had LeTourneau College in mind when he made his statement. Where else would there have been enough logs for the students and faculty to sit upon but in the beautiful pine-forested hills of East Texas?

Cook Joins Advancement Staff

W. Bruce Cook was appointed Director of College Relations at LeTourneau College July 1.

Cook, 34, began his career as a reporter/photographer for the *Cabot Star-Herald*, Cabot, Ark., and has an extensive background in Christian education and public relations.

He served as director of information for Harding University, Searcy, Ark. and as director of college relations at York College, York, Neb. before accepting the LeTourneau position.

"We are excited that Bruce has joined our staff, and we look forward to utilizing his abilities in a number of areas," said College President Dr. Alvin O. Austin. Cook has been nominated for the 1987 edition of *Outstanding*



Meg and Bruce Cook

Young Men of America and was a previous selection in 1983. In 1981 he received a \$2,000 research grant from the Arkansas Endowment for the Humanities and wrote and published *The History of McRae, Ark.*, a 130-page book. Other honors Cook has received include two Citations of Excellence from the College

Sports Information Directors Association, an Award of Excellence from the International Association of Business Communications, a Grand Award from the Council for the Advancement and Support of Education, and the Distinguished Service Award from York College. He is a member of the Public Relations Society of America and recently completed a manuscript entitled *Glimpses of God: A Photographic Essay*. Cook received a bachelor's degree from the University of Arkansas-Little Rock and a master's degree from Harding. He is married to the former Margaret Garland of Owasso, Okla., who is a registered nurse employed by Good Shepherd Medical Center in Longview.

As a ministry to students and friends, LeTourneau College will begin offering educational travel opportunities later this fall and next year. Travel plans are now being made for the following destinations: Hawaii, Australia and New Zealand, Ireland, Israel-Jordan-Egypt, Holland-Belgium-Luxembourg, and Switzerland-Austria-Germany. These groups will be led by college faculty and staff, and the option is available to earn either college credit or Continuing Education Units (CEUs). If you are interested in participating in any or all of these travel programs, send your name, address and phone number to: Special Programs, P.O. Box 7001 LeTourneau College, Longview, TX 75607 and indicate which countries you would like to visit. The travel programs will vary in length from 10 to 16 days, except for the Australia-New Zealand trip, which will take approximately 18 days. If you enjoy exploring new places, learning about different cultures, and fellowshiping with other Christians, you will enjoy these programs. Some of these will have limited registration, so you are encouraged to respond early if you have serious interest. Call (214) 753-0231 and ask for the Office of Special Programs.

New Faculty Selections Announced



Cal Thomas

Several new faculty will join LeTourneau College this fall, according to Dr. Russell Primrose, vice president for academic affairs and dean of the college. Included are C. Anthony Hengar, assistant professor of automotive technology; Dr. Donald Knoop, associate professor of electrical engineering; Jack Lanier, program director and instructor for Emergency Medical Services; Dr. Chester Leon Lovett, systems manager for RADl (Research and Advanced Development Institute); and Dr. Kenneth C. Oosterhout, associate professor of mechanical engineering.

"These individuals are highly-qualified in their respective fields and possess a maturing Christian faith," Primrose said. "Their expertise will be an asset to LeTourneau College."

Hengar, 43, has a B.S. degree from Wayland Baptist University, Plainview, Texas, and has completed courses toward an M.B.A. He is certified by the National Institute of Automotive Repair, Cadillac Motor Division, Pontiac Motor Division, Oldsmobile Motor Division, and the Texas Education Agency. He is a member of the National Association of College Automotive Teachers, and previously has taught at Wayland Baptist U. and South Plains Junior College in Plainview. He and his wife, Lucille, have a daughter.

Knoop, 44, has extensive experience in industrial engineering and teaching, and since 1967 has been senior research engineer for the Whirlpool Corporation. Knoop has also worked briefly for General Motors Corporation, Bendix Corporation and Hughes Aircraft Company, and has taught at Michigan State University, Northern Virginia Community College and Capitol Institute of Technology, Washington, D.C.

Knoop served as a captain in the U.S. Army and completed B.S., M.S. and Ph.D. degrees at Purdue University. He is widely published and holds five patents. He and his wife, Dana, have four children. Lanier, 37, is a paramedic for the City of Longview and previously was a paramedic for LeTourneau College; Metro Ambulance, Atlanta, Ga.; Gwinnett County Fire Services and Grady Emergency Medical Services, Lawrenceville, Ga. He has a B.S. degree from Tennessee Technological University, Cookeville, Tenn. and served as a staff sergeant in the U.S. Air Force. He and his wife, Brenda, have two sons.



Lou Leventhal



Bernard Bhtscoe, pastor of Lake Drive Baptist Church, Milwaukee, Wisc., will be the keynote speaker for Spiritual Emphasis Week Sept. 14-18.

Lovett, 49, has a B.S. from Louisiana Tech University and a Ph.D. from the University of Texas at Houston. He has experience in basic research and product development, coordination of research and design activities, manufacturing facilities design and operation, teaching and writing technical papers and grants. Most recently he has worked for Vertex

For the first time at LeTourneau College, an Elderhostel session will be offered during the regular school semester in order to take advantage of the Texas Rose Festival.

Beginning Sunday, Oct. 11 and continuing through Oct. 17, this Elderhostel will feature three classes: "Wake Up and Smell the Roses" (stressing physical and mental fitness), "Only A Rose Will Do" (with instruction from a noted horticulturist on the growing of roses—you keep the rose bush), and "The War of the Roses" (a historical review of the battle between the Houses of York and Lancaster that

Communications Corp., Kilgore, as a design and documentation specialist; T & N Industries, Inc., Lone Star as director of corporate engineering and engineering activities and Lone Star Steel Co. as development and project engineer. He and his wife, Bonnie, have one child.

Oosterhout, 53, has taught for the last 21 years at Memphis State University and Texas A & I University, and is a member of the American Institute of Chemical Engineers and the American Society for Engineering Education. He has conducted research for Exxon and Texaco and holds a B.S. from Lamar State College, Beaumont; an M.S. from the University of Illinois, and a Ph.D. from Pennsylvania State University. He and his wife, Robin, have three children.

Roses to be Elderhostel Theme



This summer's Elderhostelers visited the Busy B Ranch.

culminated in the marriage of these two factions).

Highlights will include attending the coronation of the Rose Queen in Tyler, Texas (USA City of Roses) and other field trips. Live in our dorms or be housed in a local motel, with meals in our dorms.

Mix and mingle with our students in this educational experience for those 60 or older. For further information, call or write: Special Programs, PO. Box 7001, LeTourneau College, Longview, TX 75607; (214) 753-0231.

Teleconference well attended

Approximately 60 educators from the Longview area participated in a national video teleconference on adult illiteracy June 23 on the LeTourneau College campus.

"The American Seminar: Literacy, Your Community and its Workforce" was broadcast live from the BizNet studios of the U.S. Chamber of Commerce in Washington, D.C. as a national/local town hall meeting. The purpose of the seminar was to bring together, in each of 1,000 communities, leaders of literacy action programs with other leaders from industry, government, labor and community groups to develop a coordinated, comprehensive literacy education program for their locale.

Dr. Russell Primrose, vice president for academic affairs and dean of the college, coordinated the event in conjunction with the Longview Independent School District. Participants viewed the two-and-a-half hour broadcast in the auditorium of Heath-Hardwick Hall, which has a six-foot satellite dish on the roof.

CALENDAR OF EVENTS

Orientation	Aug. 29-30
Registration	Sept. 1
Fall Classes Begin	Sept. 2
Christian Magician Lou Leventhal	Sept. 11
Spiritual Emphasis Week	Sept. 14-18
Fall Retreat	Sept. 25-27
LeTourneau College Council [LCC] Conference	Oct. 2-4
Fall Go Kart Sprints	Oct. 10
Auto Slalom	Nov. 7
Founder's Fall Fest	Nov. 9-14
Christian Contemporary Artist Twila Paris	Nov. 14
Thanksgiving Holidays	Nov. 26-27
Final Examinations	Dec. 14-17
Graduation	Dec. 18
Christmas Holidays	Dec. 19 - Jan. 4
Orientation and Registration	Jan. 5
Spring Classes Begin	Jan. 6
Missions Emphasis Week	Jan. 11-15
The Jeremiah People	Jan. 23
Christian Journalist Cal Thomas	Jan. 28-29
Spring Go Kart Sprints	Jan. 30
Women's Week	Feb. 8-12
Auto Society Car Show	Feb. 20-21
Spring Break	Feb. 27 - March 6
Frontier Week	March 14-19
Hootenanny	March 18
Rodeo	March 19
Go Kart Enduro	April 9
Christian Contemporary Artist David Meece	April 15
Invention Contest and Associates Banquet	April 18
Final Examinations	April 25-28
Graduation	April 30